

SEQUENCE LISTING

<110> DEAR, TERENCE N

BOEHM, THOMAS

<120> PROTEASE-RELATED PROTEIN

<130> 8484-081-999

<140> 09/486,247

<141> 2000-05-25

<150> DE 197 36 198.6

<151> 1997-08-20

<160> 8

<170> PatentIn version 3.1

P11
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<211> 822

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Polynucleotide

<221> CDS

<222> (1)..(822)

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Val Val Ser Phe Pro Ser Asn Leu Ser Ala Gly Arg Tyr Thr Ala
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48

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|---|-----|
| ggc cac cag cag atg ccc atg aag atg ctg aca atg aag atg ctg gcc | 96 |
| Gly His Gln Gln Met Pro Met Lys Met Leu Thr Met Lys Met Leu Ala | |
| 20 25 30 | |
| ctg tgc ttg gtt ctt gct aaa tca gcc tgg tcg gag gaa cag gag aag | 144 |
| Leu Cys Leu Val Leu Ala Lys Ser Ala Trp Ser Glu Glu Gln Glu Lys | |
| 35 40 45 | |
| gtg gtt cat gga ggc ccg tgt ttg aag gac tcc cac cct ttc cag gct | 192 |
| Val Val His Gly Gly Pro Cys Leu Lys Asp Ser His Pro Phe Gln Ala | |
| 50 55 60 | |
| gcc ctc tac acc tca ggt cac ttg ctg tgt ggt ggg gtc ctc att gac | 240 |
| Ala Leu Tyr Thr Ser Gly His Leu Leu Cys Gly Val Leu Ile Asp | |
| 65 70 75 | |
| cca cag tgg gtg ctg aca gct gcc cac tgc aaa aaa ccg aat ctg cag | 288 |
| Pro Gln Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Asn Leu Gln | |
| 80 85 90 95 | |
| gtg atc ttg ggg aaa cac aac cta cgg caa aca gag act ttc caa agg | 336 |
| Val Ile Leu Gly Lys His Asn Leu Arg Gln Thr Glu Thr Phe Gln Arg | |
| 100 105 110 | |
| caa atc tca gtg gac agg act att gtc cat ccc cgc tac aac cct gaa | 384 |
| Gln Ile Ser Val Asp Arg Thr Ile Val His Pro Arg Tyr Asn Pro Glu | |
| 115 120 125 | |
| acc cac gac aat gac atc atg atg gtg cat ctg aaa aat cca gtc aaa | 432 |
| Thr His Asp Asn Asp Ile Met Met Val His Leu Lys Asn Pro Val Lys | |
| 130 135 140 | |
| ttc tct aaa aag atc cag cct ctg ccc ttg aag aat gac tgc tct gag | 480 |
| Phe Ser Lys Lys Ile Gln Pro Leu Pro Leu Lys Asn Asp Cys Ser Glu | |
| 145 150 155 | |
| gag aat ccc aac tgc cag atc ctg ggc tgg ggc aag atg gaa aat ggt | 528 |
| Glu Asn Pro Asn Cys Gln Ile Leu Gly Trp Gly Lys Met Glu Asn Gly | |
| 160 165 170 175 | |
| gac ttc cca gat acc att cag tgt gct gat gtc cat ctg gtg ccc cgg | 576 |
| Asp Phe Pro Asp Thr Ile Gln Cys Ala Asp Val His Leu Val Pro Arg | |
| 180 185 190 | |
| gag cag tgt gag cgt gcc tac cct ggc aag atc acc cag agc atg gtg | 624 |
| Glu Gln Cys Glu Arg Ala Tyr Pro Gly Lys Ile Thr Gln Ser Met Val | |
| 195 200 205 | |
| tgc gca ggc gac atg aaa gaa ggc aac gat tcc tgt cag ggt gat tct | 672 |
| Cys Ala Gly Asp Met Lys Glu Gly Asn Asp Ser Cys Gln Gly Asp Ser | |
| 210 215 220 | |
| gga ggt ccc cta gta tgt ggg ggt cgc ctc cga ggg ctc gtg tca tgg | 720 |
| Gly Gly Pro Leu Val Cys Gly Gly Arg Leu Arg Gly Leu Val Ser Trp | |
| 225 230 235 | |
| ggt gac atg ccc tgt gga tca aag gag aag cca gga gtt tac acc gat | 768 |
| Gly Asp Met Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asp | |
| 240 245 250 255 | |

gtc tgc act cat atc aga tgg atc caa aac atc ctc aga aac aag tgg 816
Val Cys Thr His Ile Arg Trp Ile Gln Asn Ile Leu Arg Asn Lys Trp
260 265 270

ctg tga 822
Leu

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Polynucleotide

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Val Val Ser Phe Pro Ser Asn Leu Ser Ala Gly Arg Tyr Thr Ala Gly
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His Gln Gln Met Pro Met Lys Met Leu Thr Met Lys Met Leu Ala Leu
20 25 30

Cys Leu Val Leu Ala Lys Ser Ala Trp Ser Glu Glu Gln Glu Lys Val
35 40 45

Val His Gly Gly Pro Cys Leu Lys Asp Ser His Pro Phe Gln Ala Ala
50 55 60

Leu Tyr Thr Ser Gly His Leu Leu Cys Gly Gly Val Leu Ile Asp Pro
65 70 75 80

Gln Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Asn Leu Gln Val
85 90 95

Ile Leu Gly Lys His Asn Leu Arg Gln Thr Glu Thr Phe Gln Arg Gln
100 105 110

Ile Ser Val Asp Arg Thr Ile Val His Pro Arg Tyr Asn Pro Glu Thr
115 120 125

His Asp Asn Asp Ile Met Met Val His Leu Lys Asn Pro Val Lys Phe
130 135 140

Ser Lys Lys Ile Gln Pro Leu Pro Leu Lys Asn Asp Cys Ser Glu Glu
145 150 155 160

Asn Pro Asn Cys Gln Ile Leu Gly Trp Gly Lys Met Glu Asn Gly Asp
165 170 175

Phe Pro Asp Thr Ile Gln Cys Ala Asp Val His Leu Val Pro Arg Glu
180 185 190

Gln Cys Glu Arg Ala Tyr Pro Gly Lys Ile Thr Gln Ser Met Val Cys
195 200 205

Ala Gly Asp Met Lys Glu Gly Asn Asp Ser Cys Gln Gly Asp Ser Gly
210 215 220

Gly Pro Leu Val Cys Gly Gly Arg Leu Arg Gly Leu Val Ser Trp Gly
225 230 235 240

Asp Met Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asp Val
245 250 255

Cys Thr His Ile Arg Trp Ile Gln Asn Ile Leu Arg Asn Lys Trp Leu
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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Polynucleotide

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<210> 4

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Polynucleotide

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<210> 5

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<400> 5
gatctgttca tg 12

<210> 6
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<400> 6
accgacgtcg actatccatg aaca 24

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<223> Description of Artificial Sequence: Polynucleotide

<400> 7
gatcttccct cg 12

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<210> 8
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<212> DNA
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<223> Description of Artificial Sequence: Polynucleotide

<400> 8
aggcaactgt gctatccgag ggaa 24